Technical sheet:

MT 1840 E







	MT 1840 € Created on October 26, 2025 at 10:43 AM U
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	17.55 m
Maximum outreach	13.10 m
Weight and dimensions	
Overall length to carriage	l11 6.21 m
Overall width	b1 2.36 m
Overall height	h17 2.49 m
Wheelbase	y 3.07 m
Ground clearance	m4 0.37 m
Overall cab width	b4 0.95 m
Tilt-up angle	a4 16 °
Tilt-down angle	a5 110°
External turning radius (over tyres)	Wa1 4.01 m
Overall weight	11870 kg
Tires type	Inflatable
Standard tires	ALLIANCE - A325 - 400 / 80-24 162A8
Forks length / width / section	I / e / s 1200 mm x 125 mm x 50 mm
Frame leveling corrector	a9 9°
Performances	
Lifting	19.80 s
Lowering	13.40 s
Extension	22 s
Retraction	18.30 s
Crowd	6.20 s
Dump	6.70 s
Engine/Battery	
Drive motor power rating	56 kW
Hydraulic motor power	28 kW
Battery technology	Lithium-ion
Battery capacity	683 Ah
Battery nominal voltage	90 V
Battery energy	63 kWh/h
Charger Power / Phase / Current type	9 kW / Single-phase or three-phase / AC
Electric circuit	7 KW / Single-phase of uncerphase / AC
Battery voltage / capacity	100 V / 683 Ah
12V Battery capacity	110 Ah
Transmission	110 All
Transmission type	Electrical
Number of gears (forward / reverse)	2/2
Max. travel speed	24.90 km/h
Parking brake	Automatic parking brake
Service brake	Hydraulic
Hydraulics	Tiyulaulic
	Veriable displacement nump
Hydraulic pump type Capacity of hydraulic pump	Variable displacement pump 63 cm³
Hydraulic flow / Pressure Tank capacities	160 l/min-240 bar
	1051
Hydraulic tank capacity	135 l
Noise and vibration	ro in
Noise at driving position (LpA)	60 dB
Noise to environment (LwA)	98 dB
Vibration on hands/arms	< 2.50 m/s²
Miscellaneous	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Cab certification	Cabin ROPS - FOPS level 2
Controls	JSM

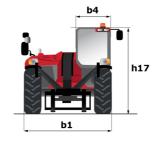
Options / Finishing

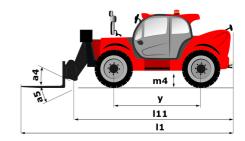
S: Standard / O: Optional / -: Not available

	Standard	Comfort
Lifting function		
Attachment hydraulic line	0	S
Easy Connect System (ECS)	0	0
Operator station		
Additional handle in the cab right hand side	0	0
Adjustable and telescopic steering column	0	S
Air suspension cloth-covered seat	0	0
Bluetooth USB radio - With extra microphone - 100W	0	0
Bluetooth USB radio - With integrated microphone - 100W	0	0
Boom suspension - "Active CRC"	0	0
Electric windows	0	0
Fixed armrest	0	0
Floor mat	0	\$
Inner rear view mirror	0	0
Lateral wiper	0	S
Manual air conditioning	0	0
Mechanical cloth seat	0	0
Mechanical suspension PVC seat - Grammer MSG65	S	S
Radio pre-fitting	0	S
Rear camera with cab display screen	0	0
Tuner car radio - 50W	0	0
Motorization/Power		
Centralized greasing points	0	0
Continuous flow hydraulics	0	0
Europe plug adapter - Three-phase cable	S	S
On-board charger 9kW	S	S
Plug for MANITOU external charger - 30kW DC - Lithium-ion	S	S
Three-phase charging cable kit + adapters	s	S
Lighting		
LED front road lights (x2)	\$	S
LED front work lights on cab (x2)	0	0
LED rear work lights on cab (x2)	0	0
Work lights on boom head (x2)	0	0
Security		
Battery cut-off	S	S
Emergency stop button outside the cab	0	0
OSS - Operation Safety System	0	0
Pedestrian detection camera (rear)	0	0
Pneumatics		
Tires - ALLIANCE - A325 - 400/80-24 162A8	S	S
Tires - ALLIANCE - A325 - 440/80 R24 162A8	0	0
Tires - MICHELIN - BIBLOAD - 440/80 R24 161A8	0	0

MT 1840 e - Dimensional drawing

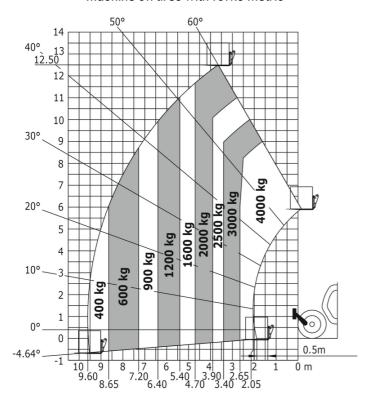




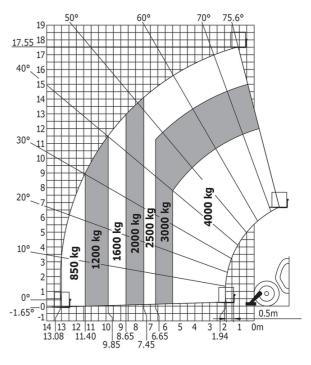


MT 1840 e - Load chart

Machine on tires with forks Metric



Machine on lowered stabilisers with forks Metric







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